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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2007; month=11; day=20; hr=11; min=44; sec=20; ms=961;
]

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Reviewer Comments:

Đີ à;± á

The above is a sample of non-ASCII characters appearing at the beginning of the submitted file (above the <110> line).

<140> 10567992

<141> 2007-11-20

<141> 2006-02-06

Please indicate <140> 10/567,992 and <141> 2006-10-04

<210> 1

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> sequence for HIS-tag

The above <223> response is an insufficient explanation for "<213> Artificial Sequence": what is the source of the genetic material? This error appears in subsequent sequences, too.

<210> 4

<211> 8

<212> PRT

<213> Artificial Sequence

<223> sequence for HIS-tag

<220>

<223> linkage to a monomeric titin I28 Ig domain

<400> 4

The first <223> line above (<223> sequence for HIS-tag) does not have a <220> above it. <220> is mandatory whenever <221>, <222>, or <223> is shown.

<400> 5

Tyr Gly Tyr Gly His His His His His
1 5 10

The above amino acid numbers in Sequence 5 are misaligned; do not insert TAB codes between amino acid numbers. They cause misalignment.

<400> 9

His His His Gly Tyr Gly His His His
1 5

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The above squares and text are samples of non-ASCII characters appearing after Sequence 9 (at the end of the submitted file).

Application No: 10567992 Version No: 1.0

Input Set:**Output Set:**

Started: 2007-11-20 10:04:22.035
Finished: 2007-11-20 10:04:28.479
Elapsed: 0 hr(s) 0 min(s) 6 sec(s) 444 ms
Total Warnings: 236
Total Errors: 22
No. of SeqIDs Defined: 9
Actual SeqID Count: 9

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 333	tabs used in amino acid numbering SEQID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 112	Upper case found in data; Found at position(0) SEQID(9)
W 112	Upper case found in data; Found at position(5) SEQID(9)
W 112	Upper case found in data; Found at position(6) SEQID(9)
W 112	Upper case found in data; Found at position(7) SEQID(9)
W 112	Upper case found in data; Found at position(8) SEQID(9)
W 112	Upper case found in data; Found at position(86) SEQID(9)
W 112	Upper case found in data; Found at position(125) SEQID(9)
W 112	Upper case found in data; Found at position(128) SEQID(9)
W 112	Upper case found in data; Found at position(131) SEQID(9)
W 112	Upper case found in data; Found at position(484) SEQID(9)

Input Set:

Output Set:

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Total Warnings: 236
Total Errors: 22
No. of SeqIDs Defined: 9
Actual SeqID Count: 9

Error code	Error Description
E 342	'n' position not defined found at POS: 1007 SEQID(9)
W 112	Upper case found in data; Found at position(1085) SEQID(9)
W 112	Upper case found in data; Found at position(1462) SEQID(9)
W 112	Upper case found in data; Found at position(1465) SEQID(9)
W 112	Upper case found in data; Found at position(1529) SEQID(9)
W 112	Upper case found in data; Found at position(1533) SEQID(9)
W 112	Upper case found in data; Found at position(1537) SEQID(9)
W 112	Upper case found in data; Found at position(1878) SEQID(9)
W 112	Upper case found in data; Found at position(1882) SEQID(9)
W 112	Upper case found in data; Found at position(1944) SEQID(9)
W 112	Upper case found in data; Found at position(3159) SEQID(9) This error has occurred more than 20 times, will not be displayed
E 342	'n' position not defined found at POS: 3227 SEQID(9)
E 342	'n' position not defined found at POS: 4653 SEQID(9)
E 342	'n' position not defined found at POS: 4805 SEQID(9)
E 342	'n' position not defined found at POS: 4946 SEQID(9)
E 342	'n' position not defined found at POS: 5268 SEQID(9)
E 342	'n' position not defined found at POS: 11187 SEQID(9)
E 342	'n' position not defined found at POS: 11232 SEQID(9)
E 342	'n' position not defined found at POS: 11242 SEQID(9)
E 342	'n' position not defined found at POS: 11258 SEQID(9)
E 342	'n' position not defined found at POS: 11285 SEQID(9)
E 342	'n' position not defined found at POS: 11347 SEQID(9)

Input Set:

Output Set:

Started: 2007-11-20 10:04:22.035
Finished: 2007-11-20 10:04:28.479
Elapsed: 0 hr(s) 0 min(s) 6 sec(s) 444 ms
Total Warnings: 236
Total Errors: 22
No. of SeqIDs Defined: 9
Actual SeqID Count: 9

Error code	Error Description
E 342	'n' position not defined found at POS: 11907 SEQID(9)
E 342	'n' position not defined found at POS: 17772 SEQID(9)
E 342	'n' position not defined found at POS: 18339 SEQID(9)
E 342	'n' position not defined found at POS: 18602 SEQID(9)
E 342	'n' position not defined found at POS: 18728 SEQID(9)
E 342	'n' position not defined found at POS: 18746 SEQID(9)
E 342	'n' position not defined found at POS: 18852 SEQID(9)
E 342	'n' position not defined found at POS: 18872 SEQID(9) This error has occurred more than 20 times, will not be displayed

<210> 1
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence for HIS-tag

<400> 1

His His His His His His
1 5

<210> 2
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence for HIS-tag

<220>

<223> glutathione S-transferase at C-terminus

<400> 2

His His His His His His
1 5

<210> 3
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> sequence for HIS-tag

<220>

<223> linkage to a monomeric titin I28 Ig domain

<400> 3

Tyr His His His His His His
1 5

<210> 4
<211> 8
<212> PRT
<213> Artificial Sequence

<223> sequence for HIS-tag

<220>

<223> linkage to a monomeric titin I28 Ig domain

<400> 4

Tyr Gly His His His His His His
1 5

<210> 5

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> sequence for HIS-tag

<220>

<223> linkage to a monomeric titin I28 Ig domain

<400> 5

Tyr Gly Tyr Gly His His His His His His
1 5 10

<210> 6

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> sequence for HIS-tag

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<223> linkage to a monomeric titin I28 Ig domain

<400> 6

His His His His His His Gly Tyr
1 5

<210> 7

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> sequence for HIS-tag

<220>

<223> linkage to a monomeric titin I28 Ig domain

<400> 7

His His His His His Gly Tyr Gly Tyr
1 5 10

<210> 8

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> linkage to a monomeric titin I28 Ig domain

<400> 8

Tyr Gly His His His His His Gly Tyr
1 5 10

<210> 9

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> sequence for HIS-tag

<400> 9

His His His Gly Tyr Gly His His His
1 5

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140 äö (kōñā) No List 6/05/06 Line Number Q1 Q1 4 4 Header

140 as (KOYH) NO 11156 0 (64M)

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3.4. $\mathbf{w} \cdot \mathbf{x} = \mathbf{w}^T \mathbf{x}$ $\mathbf{w}^T \mathbf{w} = \mathbf{w} \cdot \mathbf{w}$ $\mathbf{w}^T \mathbf{Q} = \mathbf{Q}^T \mathbf{w}$ $\mathbf{Q}^T \mathbf{Q} = \mathbf{I}$ $\mathbf{Q}^T \mathbf{Q} = \mathbf{Q} \mathbf{Q}^T = \mathbf{I}$

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